



SERVICE BULLETIN

Health Imaging Products

Eastman Kodak Company, Health Imaging, Rochester, NY 14650

SERVICE BULLETIN NO. 303

SEPTEMBER 2002

3059 Kodak X-Omat 270 RA PROCESSOR
3291 Kodak X-Omat 270 RA INTEGRATED PROCESSOR
3434 Kodak X-Omat 3000 RA PROCESSOR
3511 Kodak X-Omat 3000 RA INTEGRATED PROCESSOR
3466 Kodak X-Omat 3000 RA INTEGRATED PROCESSOR
3227 Kodak X-Omat 180 LP PROCESSOR
3198 Kodak X-Omat 180 LPS PROCESSOR
3482 Kodak X-Omat 1000 PROCESSOR

Announcing New DRYER TIP KIT for the 1000 PROCESSORS

To help prevent the DRYER from tipping and coming unseated a new DRYER TIP KIT is now available from Service Parts Management. The kit will be installed on new 1000 PROCESSORS, however for older serial numbers the kit can be ordered and installed.

Kodak X-Omat 1000 PROCESSOR: below SN 2288

Kodak X-Omat 1000A PROCESSOR: below SN 1223

Kodak X-Omat 1000J PROCESSOR: below SN 1300

DRYER TIP KIT: Part Number 1E2462

Change Made to COVER Protecting 7000 Board From Moisture

A change was made recently to help protect the PCB 7000 from moisture. The moisture could cause corrosion to the 7000 board and wires. This PCB is used on the 3000 RA PROCESSOR. Additionally, it is used on the 3000 INTEGRATED PROCESSOR used in the *Kodak X-Omat* MULTILOADER 300 PLUS and *Kodak X-Omat* MULTILOADER 7000. A different BRACKET is used along with the new COVER. When parts are ordered from Service Parts Management, both the new COVER and BRACKET must be ordered. You cannot use an old style BRACKET to mount a new COVER.

Cover - 7000 Board (old part number - 5B6844) **New part number: 4E9375**

Bracket - 7000 Board (old part number - 8B7382) **New part number: 4E8450**

Checking ECCENTRIC CAM on REPLENISHMENT PUMP 1C4593

On some of the REPLENISHMENT PUMPS, the SET SCREW that holds the ECCENTRIC CAM in place on the MOTOR SHAFT was incorrectly assembled. If the PUMPS were incorrectly assembled, there is a high risk that the ECCENTRIC CAM may slip on the SHAFT, resulting in no replenishment when the PUMP runs. This condition may result in a user complaint of the sensitometry going out of control, caused by lack of developer replenishment, or improper clearing or washing of the film, caused by lack of fixer replenishment.

REPLENISHMENT PUMP, p.n. 1C4593 is used on the following PROCESSORS or PROCESSORS integrated in the MULTILoadERS:

- 180 LP/LPS
- 3000 RA
- 270 RA
- MULTILoader 7000
- *Kodak X-Omat* MULTILoader 300/300 PLUS

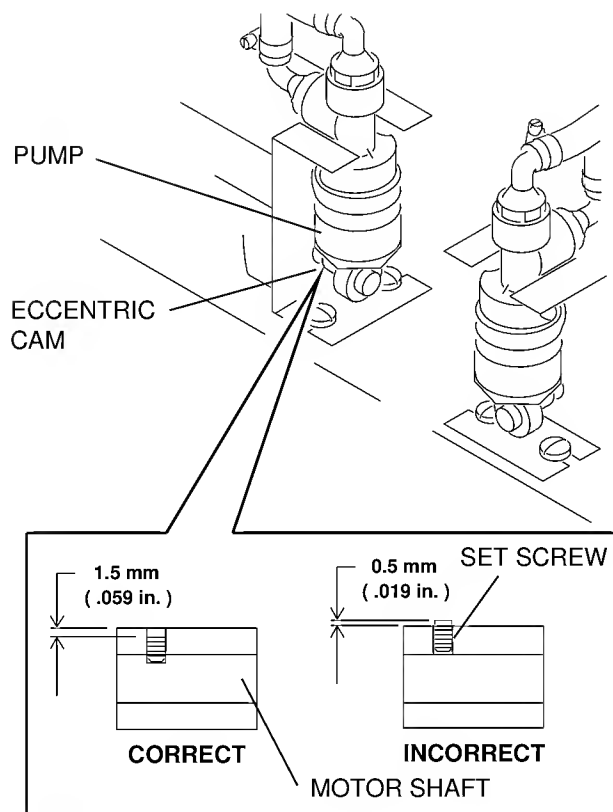
When correctly assembled, the SET SCREW is designed to tighten into a hole on the MOTOR SHAFT. On the PUMPS that were incorrectly assembled, the SET SCREW was not aligned with the hole, and was tightened directly onto the SHAFT.

If you have a problem with the ECCENTRIC CAM slipping on the MOTOR SHAFT, just tightening the SET SCREW will not permanently fix the problem, it will probably start to slip again in a short period of time if it isn't tightened into the hole in the shaft.

It is recommended that you do the following simple visual check at your next site visit, or on any REPLENISHMENT PUMPS you may have in stock:

On **correctly** assembled PUMPS, the top of the SET SCREW will be approximately 1.5 mm (.059 in.) below the top of the screw hole.

On **incorrectly** assembled PUMPS, the top of the SET SCREW will be approximately 0.5 mm (.019 in.) above the top of the screw hole.



H127_0258GCA
H127_0258GC

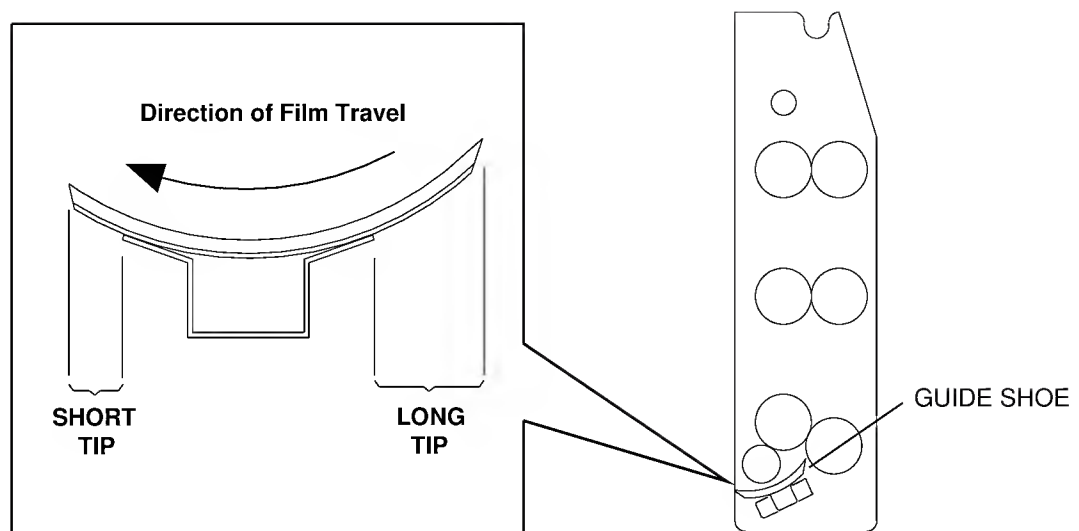
If the PUMP is found to be incorrectly assembled, do the following:

- Remove the SET SCREW, and rotate the ECCENTRIC CAM on the MOTOR SHAFT to line up the SET SCREW hole with the hole on the MOTOR SHAFT.
- Install the SET SCREW in the ECCENTRIC CAM and tighten the SET SCREW into the screw hole.

Film Jams at Exit to WASH RACK

If you are experiencing film jams at the WASH RACK exit, check the guide shoe on the wash rack for correct orientation. This applies to 180 LP/LPS, 270 RA, 270 INTEGRATED, 3000 RA INTEGRATED and 3000 INTEGRATED PROCESSORS. The service manual does not point out clearly the orientation of the long and short side of the guide shoe. Refer to the illustration below. It would help to save this bulletin or make a note in your service manual.

H127_0259BCA
H127_0259BC



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For more information please contact:

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HEALTH IMAGING

